

SEQUENCE LISTING

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<120> CANCER CELL VACCINE

<130> U.S. Application 09/205,995, (CIP)

<140> 09/205,995

<141> 1998-12-04

<150> 09/036,746

<151> 1998-03-09

<150> 08/661,627

<151> 1996-06-11

<160> 79

<170> PatentIn Ver. 2.0

<210> 1

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the Ii gene.

<400> 1

ctcggtacct actgg

15

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<211> 18

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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 2

atccatggct ctagcctc

18

<210> 3
<211> 18
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 3
tctagcctct agtttttc

18

<210> 4
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<210> 5
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<220>

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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 5
catgttatcc atggacat

18

<210> 6
<211> 18
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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 6
catggacatt ggacgcat

18

<210> 7
<211> 18
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 7

tggacgcatc agcaaggg

18

<210> 8

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 8

cagcaagggga gtagccat

18

<210> 9

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 9

agtagccatc cgcattctg

18

<210> 10

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 10

ccgcatctgg ctacacagg

18

<210> 11
<211> 18
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<220>
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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 11
gctcacaggt ttggcaga 18

<210> 12
<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 12
tttggcagat ttcggaag 18

<210> 13
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 13
tttcggaagc ttcattgag 18

<210> 14
<211> 18
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 14
cttcatgcga aggctctc 18

<210> 15
<211> 18
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<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 15
aaggctctcc agttgcag 18

<210> 16
<211> 18
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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 16
cagttgcagg ttctggga 18

<210> 17
<211> 18
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<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 17
gttctgggag gtgatggt 18

<210> 18
<211> 18
<212> DNA
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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 18

ggtgatgggc agcttgtc

18

<210> 19

<211> 18

<212> DNA

<213> Artificial Sequence

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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 19

cagcttgctc aggcggcc

18

<210> 20

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 20

taggcggccc tggtgctg

18

<210> 21

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 21

ctgttgctgg tacaggaa

18

<210> 22

<211> 18
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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 22
gtacaggaag taagcagt

18

<210> 23
<211> 18
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<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 23
gtaagcagtg gtggcctg

18

<210> 24
<211> 18
<212> DNA
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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 24
ggtggcctgc ccagccaa

18

<210> 25
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 25
cccagccaag agcagagc 18

<210> 26
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 26
gagcagagcc accaggac 18

<210> 27
<211> 18
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<220>
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oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 27
caccaggaca gagacacc 18

<210> 28
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 28
agagacaccg gtgtacag 18

<210> 29
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 29

ggtgtacaga gctccacg

18

<210> 30

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 30

agctccacgg ctgcacct

18

<210> 31

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 31

gctgcacctt tctggctc

18

<210> 32

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 32

ttctggctct ctagggcg

18

<210> 33

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 33

tctagggcgg ttgcccag

18

<210> 34

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 34

gttgcccaagt atgggcaa

18

<210> 35

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 35

tatgggcaac tgttcatg

18

<210> 36

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 36

ctgttcatgg ttagagat

18

<210> 37

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 37

gtagagatg aggtcgcg

18

<210> 38

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 38

gaggtcgcgt tggatcgc

18

<210> 39

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 39

gcgttggtca tccatggc

18

<210> 40

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense

oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 40

ttgggtcatcc atggctct

18

<210> 41

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 41

gtcatccatg gctctagc

18

<210> 42

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 42

cacaggcgct gctgctgc

18

<210> 43

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 43

atccatggct ctagccct

18

<210> 44

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 44

tctagcccta gtttttcc

18

<210> 45

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 45

agtttttccc acaggcgc

18

<210> 46

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 46

atggatgacc aacgcgac

18

<210> 47

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 47

ctagtttttc ccacaggc

18

<210> 48
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 48
ctgctgctgt tgctgctg 18

<210> 49
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 49
gtcggttg tcattcat 18

<210> 50
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 50
tcggttggt catccatg 18

<210> 51
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region

of the mouse Ii gene.

<400> 51

cgcggttggtc atccatgg

18

<210> 52

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 52

cgttggtcat ccatggct

18

<210> 53

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 53

gttggtcatc catggctc

18

<210> 54

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 54

tggtcatcca tggctcta

18

<210> 55

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 55

ggtcacccat ggctctag

18

<210> 56

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 56

cacggctgca cctttctg

18

<210> 57

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 57

cggctgcacc tttctggc

18

<210> 58

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 58

tgcacctttc tggctctc

18

<210> 59
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 59
cacctttctg gctctcta 18

<210> 60
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 60
acctttctgg ctctctag 18

<210> 61
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 61
ctttctggct ctctaggg 18

<210> 62
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 62

ctggctctct agggcggt

18

<210> 63

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 63

ggctctctag ggcggttg

18

<210> 64

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antisense
oligonucleotide corresponding to a specific region
of the mouse Ii gene.

<400> 64

gacaagcttg gctgagca

18

<210> 65

<400> 65

000

<210> 66

<400> 66

000

<210> 67

<400> 67

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<210> 68

<211> 103

<212> DNA

<213> Artificial Sequence

<220>

<400> 68

<210> 69

<211> 91

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

<400> 69

atactggggca accgcctag agagccagaa aggtgcagcc gtggagctct gtacaccggg 60
gtctctgtcc tgggtggctct gctcttggct g 91

<210> 70

<211> 134

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

<400> 70

acctgtgagc cagatgcgga tggctactcc cttgctgatg cgtccaatgt ccatggataa 60
catgctcctt gggcctgtga agaacgttac caagtacggc aacatgaccc aggaccatgt 120
gatgcacctg ctca 134

<210> 71

<211> 145

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene construct corresponding to a specific region of the mouse Ii gene.

<400> 71

aagaacgtta ccaagtacgg caacatgacc caggaccatg tgatgcatct gctcacgagg 60
tctggacccc tggagtaccc gcagctgaag gggaccttcc cagagaatct gaagcatctt 120
aagaactcca tggatggcgt gaact 145

<210> 72

<211> 169

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 72

gggtcccaga cacacagcag cagcagcagc agcagcagca gcaacagcag cagcagcagc 60
agcgcctgtg ggaaaaacta gaggctagag ccatggatga ccaacgcgac ctcatctcta 120
accatgaaca gttgcccata ctgggcaacc gccctagaga gccagaaag 169

<210> 73

<211> 160

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 73

ccatggatga ccaacgcgac ctcatctcta accatgaaca gttgcccata ctgggcaacc 60
gccctagaga gccagaaagg tatgtgtgaa taccagcaga gagcccttac ctctggagga 120
cacagaatgc aggctgggg agggacacag agctctgttg 160

<210> 74

<211> 237

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 74

gtgcagccgt ggagctctgt acaccggtgt ctctgtcctg gtggctctgc tcttggtg 60
gcaggccacc actgcttact tctgtacca gcaacagggc cgcctagaca agctgaccat 120
cacctcccag aacctgcaac tggagagcct tcgcatgaag cttccgaaat gtgcgtgctc 180

cacctgtccc tcacctcaca gacatcattt ctccatttag cccctcccga tctgcct 237

<210> 75

<211> 107

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 75

gggtcccaga cacacagcag cagcagcagc agcagcagca gcaacagcag cagcagcagc 60
agcgctgtg ggaaaaacta gaggctagag ccatggatga ccaacgc 107

<210> 76

<211> 104

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 76

tccgtcccaa cagatactgg gcaaccgccc tagagagcca gaaaggtgca gccgtggagc 60
tctgtacacc ggtgtctctg tcttggtggc tctgctcttg gctg 104

<210> 77

<211> 190

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 77

gggtcccaga cacacagcag cagcagcagc agcagcagca gcaacagcag cagcagcagc 60
agcgctgtg ggaaaaacta gaggctagag ccatggatga ccaacgcgac ctcatctcta 120
accatgaaca gttgcccata ctgggcaacc gccctagaga gccagaaagg tgcagccgtg 180
gagctctgta 190

<210> 78

<211> 148

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 78

aacagcagca gcagcagcag cgctgtggg aaaaactaga ggctagagcc atggatgacc 60
aacgcgacct catctctaac catgaacagt tgcccatact gggcaaccgc cctagagagc 120
cagaaagggtg cagccgtgga gctctgta 148

<210> 79

<211> 124

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse gene
construct corresponding to a specific region of
the mouse Ii gene.

<400> 79

tgtgggaaaa actagaggct agagccatgg atgaccaacg cgacctcatc tctaaccatg 60
aacagttgcc catactgggc aaccgccta gagagccaga aaggtgcagc cgtggagctc 120
tgta 124